

Rabbit anti-Human, Mouse DNAJC13 Polyclonal Antibody | anti-DNAJC13 antibody

DNAJC13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40700	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

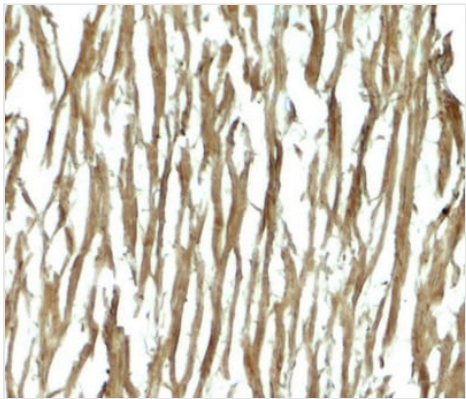
PRODUCT SYNONYMS

DNAJC13; Polyclonal Antibody; DNAJC13 Antibody; DNAJ homolog subfamily C member 13; receptor-mediated endocytosis 8; RME8; DnaJ (Hsp40) homolog; subfamily C; member 13; anti-DNAJC13 antibody

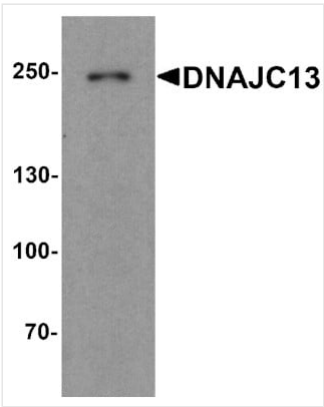
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	DNAJC13 antibody is human and mouse reactive. At least two isoforms of DNAJC13 are known to exist; this antibody will detect both isoforms. DNAJC13 antibody is predicted to not cross-react with other DNAJC family members.
Purity/Purification	DNAJC13 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; DNAJC13 antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	2243
Applicable Applications for anti-DNAJC13 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	DNAJC13 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human DNAJC13. The immunogen is located within amino acids 1940 - 1990 of DNAJC13.
Positive Control	1) - Human Heart Tissue Lysate 2) - Human Heart Tissue Slide
Preparation and Storage	DNAJC13 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of DNAJC13 in human heart tissue with DNAJC13 antibody at 5 μg/mL.



WB (Western Blot)
DNAJC13 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DNAJC13 antibody	DNAJC13, also known as receptor-mediated endocytosis 8 (RME8), is the human homolog to a DnaJ domain-containing protein originally identified in a screen for endocytic defects in <i>C. elegans</i> (1). It is thought to be a co-chaperone of Hsc70 which regulates protein conformation at membrane sites and plays a role in intracellular trafficking, co-localizing with markers of the endosomal system. Recent experiments have indicated that the DNAJC13 protein is involved in membrane trafficking through early endosomes but not through degradative organelles (2). DNAJC13 has been also been shown to regulate the intracellular trafficking of the epidermal growth factor receptor (3).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112421122
NCBI GeneID	23317
NCBI Accession #	NP_056083
NCBI GenBank Nucleotide #	NM_015268.3
UniProt Accession #	O75165; Q3L0T1; Q6PI82; Q6UJ77; Q6ZSW1; Q6ZUT5; Q86XG3; Q96DC1; Q9BWK9
Molecular Weight	Predicted: 249 kDa Observed: 249 kDa
NCBI Official Full Name	dnaJ homolog subfamily C member 13
NCBI Official Synonym Full Names	DnaJ (Hsp40) homolog, subfamily C, member 13
NCBI Official Symbol	DNAJC13
NCBI Official Synonym Symbols	RME8
NCBI Protein Information	dnaJ homolog subfamily C member 13; RME-8; DnaJ domain-containing protein RME-8; required for receptor-mediated endocytosis 8
UniProt Protein Name	DnaJ homolog subfamily C member 13
UniProt Gene Name	DNAJC13
UniProt Synonym Gene Names	KIAA0678; RME8; RME-8
UniProt Entry Name	DJC13_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dnajc13-antibody-immunohistochemistry-western-blot-elisa/40700>